

PATENT  
TS1461 (US)  
CWS:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                       |   |                   |
|---------------------------------------|---|-------------------|
| In re the accompanying application of | ) |                   |
|                                       | ) |                   |
| LASZLO DOMOKOS, HERMANUS JONGKIND,    | ) |                   |
| WILLEM H. J. STORK, and               | ) |                   |
| JOHANNA M. H. VAN DEN TOL-KERSHOF     | ) |                   |
|                                       | ) |                   |
| CATALYST COMPOSITION, ITS PREPARATION | ) | February 20, 2004 |
| AND USE                               | ) |                   |
|                                       | ) |                   |

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97**

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

LASZLO DOMOKOS, HERMANUS JONGKIND,  
and JOHANNES A. R. VAN VEEN

By



Their Attorney, Charles W. Stewart  
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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TS1461 (US)

APPLICATION NUMBER

LIST OF INFORMATION PROVIDED  
BY APPLICANT  
(Use several sheets if necessary)

APPLICANT  
L. Domokos et al.

FILING DATE

GROUP ART UNIT

| REFERENCE DESIGNATION | U.S. PATENT DOCUMENTS |  |  |  |
|-----------------------|-----------------------|--|--|--|
|-----------------------|-----------------------|--|--|--|

| Examiner Initial |    | Document No. | Date     | Patentee        | Class | Subclass | Filing Date if Appropriate |
|------------------|----|--------------|----------|-----------------|-------|----------|----------------------------|
|                  | AA | 3,016,647    | 1/16/62  | Peterson et al. | 43    | 3        |                            |
|                  | AB | 4,404,097    | 9/13/83  | Angevine et al. | 208   | 210      |                            |
|                  | AC | 5,244,858    | 9/14/93  | Usui et al.     | 502   | 220      |                            |
|                  | AD | 6,124,232    | 9/26/00  | Chang et al.    | 502   | 308      |                            |
|                  | AE | 6,162,350    | 12/19/00 | Soled et al.    | 208   | 113      |                            |
|                  | AF | 2,554,282    | 5/22/51  | Voorhies, Jr.   | 196   | 78       |                            |
|                  | AG | 3,403,092    | 9/24/68  | Rausch          | 208   | 36       |                            |
|                  | AH | 3,232,863    | 2/1/66   | Watson et al.   | 208   | 36       |                            |
|                  | AI |              |          |                 |       |          |                            |

| FOREIGN PATENT DOCUMENTS |  |  |  |  |  |  |  |  |
|--------------------------|--|--|--|--|--|--|--|--|
|--------------------------|--|--|--|--|--|--|--|--|

|  |    | Document No. | Date    | Country | Class | Subclass | Translation |    |
|--|----|--------------|---------|---------|-------|----------|-------------|----|
|  |    |              |         |         |       |          | Yes         | No |
|  | AL | 1,090,683 A1 | 4/11/01 | Europe  | B01J  | 23/882   |             |    |
|  | AM | 1,090,682 A1 | 4/11/01 | Europe  | B01J  | 23/882   |             |    |
|  | AN | WO 00/42119  | 7/20/00 | World   | C10C  | 1/18     |             |    |
|  | AO | WO 00/41810  | 7/20/00 | World   | B01J  | 37/02    |             |    |

| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |
|--|--|
|--|--|

|  |    |  |
|--|----|--|
|  | AR | "Hydrodesulfurization of Methyl-Substituted Dibenzothiophenes: Fundamental Study of Routes to Deep Desulfurization," by M. V. Landau, D. Berger, and M. Herskowitz, Journal of Catalysis 159, (1996) pp. 236-245 |
|  | AS |  |
|  | AT |  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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|--|----|-----------------------|---------|-----------------|-------|----------|----------------------------|
| Examiner Initial   |    | Document Number       | Date    | Patentee        | Class | Subclass | Filing Date if Appropriate |
|  | BA |                       |         |                 |       |          |                            |
|  | BB |                       |         |                 |       |          |                            |
|  | BC |                       |         |                 |       |          |                            |
|  | BD |                       |         |                 |       |          |                            |
|  | BE |                       |         |                 |       |          |                            |
|  | BF |                       |         |                 |       |          |                            |
|  | BG |                       |         |                 |       |          |                            |
|  | BH |                       |         |                 |       |          |                            |
|  | BI |                       |         |                 |       |          |                            |
| FOREIGN PATENT DOCUMENTS   |    |                       |         |                 |       |          |                            |
|  |    | Document Number       | Date    | Country         | Class | Subclass | Translation<br>Yes No      |
|  | BL | WO 00/73402 A1        | 12/7/00 | World           | C10G  | 67/04    |                            |
|  | BM | 0,731,156 A2          | 9/11/96 | Europe          | C10G  | 45/50    |                            |
|  | BN | 1,178,854             | 2/23/67 | Great Britain   | C10G  | 23/02    |                            |
|  | BO |                       |         |                 |       |          |                            |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |    |                       |         |                 |       |          |                            |
|  | BR |                       |         |                 |       |          |                            |
|  | BS |                       |         |                 |       |          |                            |
|  | BT |                       |         |                 |       |          |                            |
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